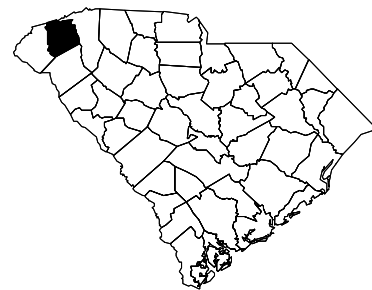


IMPACT OF CHRONIC CONDITIONS PICKENS County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Pickens county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Pickens county's population is similar to the state population. The majority (43%) of the population in Pickens county are between the ages of 18-44. There is an equal distribution of males and females. Pickens county has a lower minority population (8%) than the state (32%). When adults in Pickens county were asked about their general health status, 82.8% reported having excellent, very good, or good health in 2002 (SC was 83%).

	PICKENS COUNTY	STATE
Population size	113,097	4,107,183
Age distribution (%)		
<18	23	24
18-44	43	40
45-64	22	24
65-84	10	11
85+	2	1
Race (%)		
White	92	68
Black & Other	8	32
Sex (%)		
Male	50	49
Female	50	51

In spite of the overall reports of good health given by the citizens of the Palmetto State,, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Pickens county.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	26	27
Sedentary lifestyle	49	42
Overweight	57	60
High Cholesterol	8	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons age 65 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	27.9	.	.	.	.	28.4
Number of hospitalizations	91	19	72	35	56	5,173
Standard rate of hospitalizations (per 100,000)	83	286	70	75	92	125
Median age of hospitalized patients	68	63	68	63	73	63
Total cost of hospitalization (\$)	1,190,600	209,800	980,800	643,900	546,700	79,350,400
Average length of hospital stay (days)	5	4	5	6	4	5
Number of ED visits	185	52	133	76	109	7,306
Standard rate of ED visits (per 100,000)	172	695	132	146	189	175
Median age of ED patients	58	48	58	55	58	53
Total cost of ED visits (\$)	124,500	31,000	93,400	51,900	72,600	5,902,800
Number of deaths*	5	1	4	3	2	366
Standard death rate (per 100,000)*	5	21	4	5	3	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	3.73	.	.	.	.	5.13
Number of hospitalizations	972	71	901	582	390	30,831
Standard rate of hospitalizations (per 100,000)	887	1,034	878	1,171	646	734
Median age of hospitalized patients	68	63	73	68	78	68
Total cost of hospitalization (\$)	25,924,300	1,700,600	24,202,600	16,753,600	9,170,700	969,122,700
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ED visits	128	10	118	62	66	2,754
Standard rate of ED visits (per 100,000)	117	157	115	125	109	66
Median age of ED patients	65	53	78	.	65	63
Total cost of ED visits (\$)	327,700	37,100	289,800	136,700	191,000	10,617,900
Number of deaths*	239	20	218	129	110	9,723
Standard death rate (per 100,000)*	219	345	212	314	160	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.35	.	.	.	.	2.38
Number of hospitalizations	304	20	284	161	143	14,317
Standard rate of hospitalizations (per 100,000)	279	325	277	341	227	351
Median age of hospitalized patients	75	68	78	73	78	73
Total cost of hospitalization (\$)	4,739,600	492,600	4,247,000	2,737,200	2,002,400	279,819,700
Average length of hospital stay (days)	5	8	5	5	4	6
Number of ED visits	91	5	86	39	52	2,732
Standard rate of ED visits (per 100,000)	85	82	85	81	85	67
Median age of ED patients	83	88	78	.	83	73
Total cost of ED visits (\$)	172,200	5,400	165,600	82,100	90,100	6,322,600
Number of deaths*	65	7	57	19	46	2,816
Standard death rate (per 100,000)*	60	131	56	47	66	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	392	26	366	152	240	14,524
Standard rate of hospitalizations (per 100,000)	364	333	363	321	415	351
Median age of hospitalized patients	63	28	63	68	63	58
Total cost of hospitalization (\$)	3,902,300	306,900	3,595,400	1,786,400	2,115,900	198,700,700
Average length of hospital stay (days)	4	4	4	5	4	5
Number of ED visits	729	116	613	259	470	37,517
Standard rate of ED visits (per 100,000)	654	1,292	598	494	819	914
Median age of ED patients	38	23	38	33	38	33
Total cost of ED visits (\$)	522,400	60,000	462,100	206,000	316,400	30,607,600
Number of deaths*	52	-	52	29	23	1,891
Standard death rate (per 100,000)*	49	-	52	66	38	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	8.65	.	.	.	.	8.33
Number of hospitalizations	134	15	119	54	80	8,652
Standard rate of hospitalizations (per 100,000)	120	193	114	106	133	207
Median age of hospitalized patients	58	48	68	48	68	53
Total cost of hospitalization (\$)	1,619,200	249,600	1,369,600	655,700	963,500	127,167,500
Average length of hospital stay (days)	5	5	5	5	5	6
Number of ED visits	128	26	102	50	78	9,316
Standard rate of ED visits (per 100,000)	117	372	100	97	138	224
Median age of ED patients	58	63	48	48	65	53
Total cost of ED visits (\$)	96,600	19,500	77,100	36,900	59,700	8,261,100
Number of deaths*	24	4	20	9	11	1,114
Standard death rate (per 100,000)*	22	72	20	20	19	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	510	60	450	192	318	24,644
Standard rate of hospitalizations (per 100,000)	470	815	443	398	559	591
Median age of hospitalized patients	63	53	63	68	58	58
Total cost of hospitalization (\$)	12,145,600	1,415,100	10,730,500	5,426,000	6,719,600	605,119,300
Average length of hospital stay (days)	6	7	6	7	6	6
Number of deaths*	192	13	179	95	97	8,320
Standard death rate (per 100,000)*	177	225	175	210	158	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	42	2	40	21	21	2,113
Standard rate of hospitalizations (per 100,000)	39	34	40	46	34	51
Median age of hospitalized patients	73	73	73	73	73	68
Total cost of hospitalization (\$)	1,218,700	132,100	1,086,600	459,500	759,200	80,248,200
Average length of hospital stay (days)	10	19	9	8	11	10
Number of deaths*	18	-	18	8	10	807
Standard death rate (per 100,000)*	16	-	17	18	16	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	31	3	28	.	31	1,465
Standard rate of hospitalizations (per 100,000)	27	40	26	.	52	35
Median age of hospitalized patients	58	58	63	.	58	63
Total cost of hospitalization (\$)	406,400	45,000	361,400	.	406,400	21,213,600
Average length of hospital stay (days)	3	3	3	.	3	3
Number of deaths*	12	3	9	1	11	630
Standard death rate (per 100,000)*	11	51	8	2	19	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	222
Standard rate of hospitalizations (per 100,000)	2	.	2	.	4	5
Median age of hospitalized patients	50	.	50	.	50	48
Total cost of hospitalization (\$)	31,200	.	31,200	.	31,200	3,668,300
Average length of hospital stay (days)	3	.	3	.	2	4
Number of deaths*	-	2	-	2	2	26
Standard death rate (per 100,000)*	-	2	-	4	4	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	54	4	50	33	21	2,154
Standard rate of hospitalizations (per 100,000)	50	53	49	72	35	51
Median age of hospitalized patients	73	53	73	68	73	68
Total cost of hospitalization (\$)	2,277,500	244,100	2,033,400	1,687,600	589,900	70,474,400
Average length of hospital stay (days)	11	16	10	11	10	9
Number of deaths*	71	6	65	41	30	2,481
Standard death rate (per 100,000)*	65	95	64	87	49	60

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	24	7	17	24	.	1,353
Standard rate of hospitalizations (per 100,000)	21	109	16	48	.	32
Median age of hospitalized patients	63	73	63	63	.	68
Total cost of hospitalization (\$)	385,800	87,000	298,800	385,800	.	24,726,200
Average length of hospital stay (days)	4	2	5	4	.	4
Number of deaths*	6	1	5	6	-	478
Standard death rate (per 100,000)*	6	21	5	15	-	12

*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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